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Patent
Case No.: 56762US003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: ANDERSON, MARK T.
Application No.: 09/934361 Group Art Unit: Unknown
Filed: August 21, 2001 Examiner: Unknown
Title: METHOD OF MANUFACTURE OF AN OPTICAL WAVEGUIDE
ARTICLE INCLUDING A FLUORINE-CONTAINING ZONE

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PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, DC 20231

CERTIFICATE OF MAILING

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Date

Signed by: Tom Sanders

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Dear Sir:

Please amend the claims as follows. Enclosed with this letter is a marked-up copy of the amended claims.

In the claims:

- A¹
26. The method of claim 25, wherein the step of diffusing the fluorine comprises achieving a desired fluorine concentration profile by heating the reservoir.
- A²
29. The method of claim 25, further comprising the step of collapsing the substrate tube into a preform and drawing an optical fiber from the preform, wherein the step of diffusing comprises drawing the fiber.
- A³
32. The method of claim 25, further comprising the step of forming a diffusion barrier layer between the cladding and the fluorine reservoir.
33. An optical fiber manufactured in accordance with the method of claim 25.
34. An optical preform manufactured in accordance with the method of claim 25.